

Master Metals Waste Characterization and Analysis



200308

Summary of Pertinent Analytical Results

<u>Date</u>	<u>Sample ID</u>	<u>Description</u>	<u>Analysis</u>	<u>Result</u>	<u>Units</u>	
6/19/97	WDP-01	wood pile: pallets, board, plywood	TCLP Pb	3.34	mg/L	
			TCLP Cd	0.028	mg/L	
			TCLP As	< 0.50	mg/L	
6/19/97	WDP-02	wood pile: pallets, board, plywood	TCLP Pb	26.6	mg/L	
			TCLP Cd	0.048	mg/L	
			TCLP As	< 0.50	mg/L	
6/23/97	RLF-01	soil/gravel: roll off boxes SE corner of site	Total Pb	49,100	mg/kg	*
			Total Cd	128	mg/kg	*
			Total As	184	mg/kg	*
6/23/97	RLF-02	soil/gravel: roll off boxes SE corner of site	Total Pb	35,200	mg/kg	*
			Total Cd	74.8	mg/kg	*
			Total As	174	mg/kg	*
*averaged from three composite samples						
6/18/97	FRN-01	material composited from furnace in smelter bldg	TCLP Pb	1.640	mg/L	
			TCLP Cd	48.7	mg/L	
			TCLP As	< 0.20	mg/L	
6/18/97	FRN-02	material on pallets located in smelter bldg	TCLP Pb	4.56	mg/L	
6/18/97	FRN-03	material composited from furnace in smelter bldg	TCLP Pb	21.1	mg/L	
6/18/97	FRN-04	material composited from furnace in smelter bldg	TCLP Pb	32.6	mg/L	
6/18/97	FRN-05	material composited from furnace in smelter bldg	TCLP Pb	16.2	mg/L	
6/18/97	FRN-06	material composited from furnace in smelter bldg	TCLP Pb	30.8	mg/L	
6/18/97	BLM-01	material composited from ball mills in smelter bldg	TCLP Pb	144	mg/L	
			TCLP Cd	0.871	mg/L	
			TCLP As	< 0.20	mg/L	
6/18/97	BLM-02	material composited from ball mills in smelter bldg	TCLP Pb	450	mg/L	

Waste Characterization

6/18/97	DRM-01	steel shot (blast media) drummed in storage bldg	TCLP Pb	0.95	mg/L
			TCLP Cd	< 0.05	mg/L
			TCLP As	< 1.0	mg/L
6/18/97	DRM-02	steel shot (blast media) drummed in storage bldg	TCLP Pb	1.46	mg/L
			TCLP Cd	< 0.05	mg/L
			TCLP As	< 1.0	mg/L
6/18/97	DRM-03	steel shot (blast media) drummed in storage bldg	TCLP Pb	< 0.40	mg/L
			TCLP Cd	< 0.05	mg/L
			TCLP As	< 1.0	mg/L
6/18/97	DRM-04	steel shot (blast media) drummed in storage bldg	TCLP Pb	30.5	mg/L
			TCLP Cd	< 0.05	mg/L
			TCLP As	< 1.0	mg/L
6/18/97	DRM-05	steel shot (blast media) drummed in storage bldg	TCLP Pb	< 0.40	mg/L
			TCLP Cd	< 0.05	mg/L
			TCLP As	< 1.0	mg/L
6/18/97	DRM-06	rust colored scale material	TCLP Pb	< 0.40	mg/L
			TCLP Cd	< 0.05	mg/L
			TCLP As	< 1.0	mg/L
6/18/97	DRM-07	metal drum of dark gray powder/fine material	TCLP Pb	120	mg/L
			TCLP Cd	20.1	mg/L
			TCLP As	< 0.20	mg/L
6/18/97	DRM-08	metal drum of dust and debris in storage bldg	TCLP Pb	1.780	mg/L
			TCLP Cd	0.189	mg/L
			TCLP As	< 0.20	mg/L
6/18/97	GLS-01	cardboard pallet boxes of broken picture tubes	TCLP Pb	177	mg/L
6/18/97	GLS-02	cardboard pallet boxes of broken picture tubes	TCLP Pb	158	mg/L
6/18/97	GLS-03	cardboard pallet boxes of broken picture tubes	TCLP Pb	156	mg/L
6/18/97	GLS-04	cardboard pallet boxes of broken picture tubes	TCLP Pb	38.6	mg/L
6/18/97	GLS-05	cardboard pallet boxes of broken picture tubes	TCLP Pb	69.3	mg/L
6/18/97	GLS-06	roll off box of broken picture tubes, lead, and debris	TCLP Pb	1.420	mg/L
6/18/97	PLE-01	waste pile of rust colored granular material	TCLP Pb	14.9	mg/L
			TCLP Cd	67.6	mg/L
			TCLP As	< 0.20	mg/L

Waste Characterization

6/18/97	PLE-02	large waste pile of dark gray powder/fine material	TCLP Pb	38.1	mg/L
			TCLP Cd	0.269	mg/L
			TCLP As	< 0.20	mg/L
6/18/97	PLE-03	small waste pile of dark gray powder/fine material	TCLP Pb	1.080	mg/L
			TCLP Cd	11.5	mg/L
			TCLP As	< 0.20	mg/L
6/18/97	PLE-04	supersacks of gray/brown fine soil	TCLP Pb	0.291	mg/L
			TCLP Cd	0.020	mg/L
			TCLP As	< 0.20	mg/L
6/18/97	PLE-05	supersacks of gray/brown fine soil	TCLP Pb	0.092	mg/L
			TCLP Cd	0.011	mg/L
			TCLP As	< 0.20	mg/L
6/18/97	PLE-06	small waste pile of misc. debris and orange colored material	TCLP Pb	< 0.080	mg/L
			TCLP Cd	< 0.010	mg/L
			TCLP As	< 0.20	mg/L
6/18/97	PLE-07	waste pile of soda ash next to furnace/smelter bldg	TCLP Pb	2.34	mg/L
			TCLP Cd	< 0.010	mg/L
			TCLP As	< 0.20	mg/L
6/18/97	PLE-08	white residual material from pallet sacks in SW corner of site	TCLP Pb	1.620.0	mg/L
			TCLP Cd	< 0.010	mg/L
			TCLP As	< 0.20	mg/L
6/30/97	BTS-01	consolidated pile of small plastic battery separators	TCLP Pb	203	mg/L
			TCLP Cd	0.042	mg/L
			TCLP As	< 0.50	mg/L
6/30/97	BKT-01	composite sample of consolidation of 2 gal plastic sample buckets in SW corner of site	TCLP Pb	1.630	mg/L
			TCLP Cd	< 0.025	mg/L
			TCLP As	< 0.50	mg/L
6/30/97	BKT-02	composite sample of consolidation of 2 gal plastic sample buckets in SW corner of site	TCLP Pb	2,490	mg/L
			TCLP Cd	< 0.050	mg/L
			TCLP As	< 1.0	mg/L
6/30/97	BKT-03	composite sample of consolidation of 2 gal plastic sample buckets in SW corner of site	TCLP Pb	4.670	mg/L
			TCLP Cd	< 0.050	mg/L
			TCLP As	< 1.0	mg/L
6/30/97	BKT-04	composite sample of consolidation of 2 gal plastic sample buckets in SW corner of site	TCLP Pb	2.370	mg/L
			TCLP Cd	0.2	mg/L
			TCLP As	< 0.50	mg/L

Waste Characterization

6/30/97	BKT-05	composite sample of consolidation of 2 gal plastic sample buckets in SW corner of site	TCLP Pb TCLP Cd TCLP As	1.330 < 0.050 < 1.0	mg/L mg/L mg/L
6/30/97	BKT-06	composite sample of consolidation of 2 gal plastic sample buckets in SW corner of site	TCLP Pb TCLP Cd TCLP As	1.260 < 0.050 < 1.0	mg/L mg/L mg/L
6/30/97	BKT-07	composite sample of consolidation of 2 gal plastic sample buckets in SW corner of site	TCLP Pb TCLP Cd TCLP As	5.300 < 0.10 < 2.0	mg/L mg/L mg/L
6/30/97	BKT-08	composite sample of consolidation of 2 gal plastic sample buckets in SW corner of site	TCLP Pb TCLP Cd TCLP As	1.960 < 0.050 < 1.0	mg/L mg/L mg/L
6/30/97	BKT-09	composite sample of consolidation of 2 gal plastic sample buckets in SW corner of site	TCLP Pb TCLP Cd TCLP As	3.150 < 0.050 < 1.0	mg/L mg/L mg/L
6/30/97	BKT-10	composite sample of consolidation of 2 gal plastic sample buckets in SW corner of site	TCLP Pb TCLP Cd TCLP As	6.480 < 0.12 < 2.5	mg/L mg/L mg/L